

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

SEPTEMBER 23, 1971

Too many teachers?

During the past month and a half, local and national publications have painted dreary pictures of the surplus of teachers on the job market. As the supply increases and the demand stabilizes or even decreases, the effects are felt not only among the jobless teachers, but at the universities that grant the education degrees as well.

E. D. HODGSON, Professor of Educational Administration and recently Acting Associate Dean of Graduate Studies at the University, says the teacher surplus may be one reason graduate enrolment is not increasing.

"Teachers are hanging on to the jobs they have because if they go on leave to do graduate work, their jobs might not be there when they get back. There may be a slot on the teaching staff, but there is no guarantee they will get to teach the same courses they were teaching before."

Dr. Hodgson attributes the job shortage to a number of factors. The student population, like the national birth rate, has stabilized. He also says there is the "ever-present tendency of people who have taken teacher training to stay in metropolitan areas" rather than to seek employment in areas of lower population density.

"A third factor is the migration to this province of literally hundreds of teachers from Saskatchewan," says Dr. Hodgson. "First they come across the border and teach in what might be called 'undesirable' areas. Then, after getting experience in the province, they come to Edmonton, or Calgary, to teach."

He says the problem is compounded by the fact that the student population at The University of Alberta has levelled off, while that at the University of Saskatchewan has continued to increase, making competition among the teachers that much greater.

If identifying the problem is easy, finding a solution to it is not, because there is no way to predict what the demand for teachers will be even a year from now.

"At one time, specialized training was an advantage on the job market," says Dr. Hodgson. "Now, however, if a teacher's specialty is not in demand, he may have a difficult time finding a job."

"But one should not attempt to forecast

what the demands will be, particularly within a certain field. If one attempts to set a quota in a particular year, on the assumption that it will yield the correct number of teachers four years later, that quota can be as far off as if none had been set at all.

"Even a double major is not necessarily the answer, because it may be that neither of the specialties will be in demand."

Initial reaction to the teacher surplus has been the supposition that the profession will automatically be upgraded—that is, with the large pool of talent from which to choose, school principals will naturally choose those teachers with the most training.

According to Dr. Hodgson, however, the present government grant structure is such that it makes it more advantageous to hire teachers

with only three years of training (teaching certificates) than those with four to six years of training.

"If principals hired nothing but highly trained teachers, the salaries they would pay out would be greater, but the grant would not increase proportionately. Most school systems can't afford to do this."

GERALD BERRY, Chairman of the Department of Secondary Education at the University, agrees that teachers with specialized training may find it more difficult to find jobs than those teachers with certificates. Although he is not entirely convinced the teacher surplus is as great as it has been reported to be, he does say that "If we do have this surplus, the time might be opportune to increase the undergraduate program to four years rather than grant certificates after three years. This would make the teachers better qualified to compete for the jobs available."

"Men loven of propre kynde newefangelnesse" commented Chaucer's squire, and told of a Brazen Horse with a pin in its ear. When the rider manipulated the pin, the magic steed would carry him anywhere he fancied. Such as to the Students' Union Building.



DEAN OF ARTS SOUGHT

The selection committee established to recommend a successor to D. E. SMITH, Dean of Arts, invites nominations for the position from members of the University community.

Names of potential candidates should be sent to HENRY KREISEL, Vice-President (Academic).

LAWRENCE HOWARD NICHOLS 1890-1971

LAWRENCE HOWARD NICHOLS, Professor Emeritus of Physics, died September 3, in the military hospital at Ste. Anne de Bellevue, Quebec. He had served with distinction in the artillery during World War I. He obtained his Bachelor of Arts degree at McGill University and his Master of Arts degree at The University of Alberta. He was appointed Lecturer in the Department of Physics in 1922 and Assistant Professor in 1927. During his 36-year association with the University he was named a Fellow of the Royal Meteorological Society and Professor of Physics.

In addition to his teaching duties and research projects, Professor Nichols conducted student choral groups and served as University organist. He co-operated with Casavant Frères of Ste. Hyacinthe, Quebec, in drawing up the original specifications of the Memorial Organ in Convocation Hall, and did the same when the organ was enlarged later on.

He was named Professor Emeritus in 1956.



PEOPLE

■ R. M. HARDY, recently retired as Dean of Engineering, has been awarded the R. F. Legget Award for his outstanding contribution to Canadian geotechnical work. He received the award at the 24th Annual Canadian Geotechnical Conference in Halifax, Nova Scotia, on September 2, 1971. The R. F. Legget Award is the highest prize in this field in Canada.

■ J. M. BOCHENSKI has been appointed Distinguished Visiting Professor in the Department of Philosophy. Dr. Bochenki is the Director of the Institute of East European Studies, University of Fribourg, Switzerland.

■ N. COLLIS-GEORGE, Head of the Department of Soil Science at the University of Sydney,

has concluded a four-month period as Visiting Professor at The University of Alberta.

Dr. Collis-George worked with G. R. WEBSTER, Professor of Soil Science, on a specialized aspect of economic productivity in fertilizer use.

■ M. L. LEROHL has been appointed Visiting Professor in the Department of Agricultural Economics and Rural Sociology.

Dr. Lerohl is Research Director for the Agricultural Economics Research Council of Canada in Ottawa.

■ D. S. HEAPS and W. D. REID of the Computing Science Department presented a paper at a workshop prior to the Canadian Library Association Annual Conference in Vancouver, British Columbia.

The conference also was attended by SENO LASKOWSKI, JAKE VANDE BRINK, ADAM KANTAUTAS, and MISS MARJORIE HOWELL of the Library's Cataloguing Department, and MISS L. LEVEREDGE, MISS DIANNE RHYASON, ROBERT MC WILLIAM, and MRS. MURIEL LEFEBVRE, Librarians.

■ M. R. HESTENES of the University of California at Los Angeles and GEORGE E. ANDREWS of Pennsylvania State University were guest lecturers at colloquia sponsored by the University's Department of Mathematics.

■ C. F. BENTLEY, Professor of Soil Science, has completed a three-week assignment for the Canadian International Development Agency.

Dr. Bentley evaluated, and made recommendations concerning, a proposal for preparation of a pre-investment plan for expansion of the dairy industry in Uganda.

■ T. W. PETERS and W. W. PETTAPIECE, members of the Alberta Institute of Pedology, spent part of the past summer on projects in northern Canada. Mr. Peters was on Devon Island working on an International Biological Program project, and Dr. Pettapiece worked with a geological survey unit on the Mackenzie Valley Transportation Corridor.

■ C. G. VUCETICH of the University of Wellington in New Zealand is spending seven months at the Alberta Institute of Pedology. He will work with J. A. WESTGATE, Associate Professor of Geology at The University of Alberta.

■ D. GRANT FISHER, Professor of Chemical and Petroleum Engineering, presented a paper at the International Federation of Automatic Control meeting in Budapest, Hungary. Co-authors of the paper were graduate students R. G. WILSON and W. AGOSTINIS.

■ D. W. MURRAY, Professor of Civil Engineering, participated in the First Specialty Conference on Cold-Formed Steel Structures at the University of Missouri in August.

■ G. SCHAARSCHMIDT, Chairman of the Department of Slavic Languages, has been elected Program Chairman for the 1972

annual meeting of the Canadian Association of Slavists. Dr. Schaarschmidt also has been elected Vice-President of the Alberta Linguistic Association and a member of the International Commission on Slavic Stylistics and Poetics.

■ MYER HOROWITZ, Professor of Elementary Education, represented the Canadian Committee on Early Childhood at the Council meetings of the World Organization in Bonn, Germany, in August.

■ WILLARD F. REESE, Associate Professor of Elementary Education, has been conducting a series of slide programs in aid of the Pakistan Relief Fund.

■ SIR JAMES HOWIE, Director of the Public Health Laboratory Service of England and Wales, visited the Provincial Laboratory of Public Health early in September. Sir James, who is a former President of the Royal College of Pathologists and of the British Medical Association, gave a lecture on infectious diseases.

■ MORTON M. DENN, Associate Professor of Chemical Engineering at the University of Delaware, presented a seminar to the Department of Chemical and Petroleum Engineering.

BOOKS

Studies in Canadian Business Law, edited by G. H. L. FRIDMAN, Dean of the Faculty of Law at The University of Alberta, has been published by Butterworths of Canada.

Other contributors include the following Faculty of Law members: D. R. PERCY, F. A. LAUX, F. D. JONES, J. S. WILLIAMS, and J. E. COTE.

■ *L'éthylène, Métabolisme et Activité métabolique*, a monograph by C. T. PHAN, Assistant Professor of Plant Science, has been published by Masson et Cie in Paris. A copy of the book has been presented to the Cameron Library.

■ The Boreal Institute for Northern Studies' Occasional Publication Number 7, *On the Edge of the Shield*, was published during the summer and is now available at the Bookstore in SUB.

The publication consists of six papers on the history, geography, sociology, education, and ecology of Fort Chipewyan and its hinterland. The papers were prepared by J. W. CHALMERS, Department of Educational Foundations; W. D. KNILL and L. R. GUE, Department of Educational Administration; J. M. PARKER, University Archivist; W. G. LAATSCH, Department of Geography; and W. A. FULLER, Department of Zoology.

Supplementary material includes an appendix on the work of the Boreal Institute by J. JAMESON BOND, Director, and a map by G. A. LESTER, Department of Geography.

Institutional Research projects

The projects listed below are now under way in the Office of Institutional Research and Planning. They are summarized here for the information of readers, similar summaries being published at intervals. The last one appeared July 2.

Inquiries should be directed to the project officer listed for each project (to the name with the asterisk where there are several names) at the Office of Institutional Research and Planning, 111 University Hall, telephone 432-5295.

I. STUDENT RELATED PROJECTS

<i>Description</i>	<i>User</i>	<i>Project officers</i>
COMMUTING SURVEY Survey of student and staff travel methods and times to and from campus. Implication for space and long range planning. (i) University transportation trends (ii) Commuting student and campus facilities (a) Physical aspects (b) Behavioral aspects	W. D. Neal Wm. A. Preshing	W. J. Williamson* D. J. Otto J. Brunt
INTERCHANGE OF STUDENTS Student mobility; out of province enrollees, etc.	Universities Commission	H. Gahr
LISTER HALL STUDY Further statistical analysis of Studies No. 1 and No. 2.	A. A. Ryan	K. Coull
DROP OUT STUDY Analysis of drop-out data—Phase I.	Registrar's Office Student Counselling	J. Brunt
RETENTION RATES Historical analysis of promotion, transfer, and withdrawal rates at faculty level.	General Administration	K. Coull* P. E. Haney
THE OPEN UNIVERSITY Preliminary analysis of data on the open University and related concepts.	Institutional Research and Planning	S. Batt

II. COURSE RELATED PROJECTS

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1970-1971 COURSES BY TERM Number of courses taught per term.	Institutional Research and Planning; Administrative Data Processing	H. Gahr
AUTOMATION OF REPORT PROCEDURES Conversion of weekly student hours—weekly contact hours to machine recording.	Vice-Presidents	A. Paige* P. E. Haney
INTERPROVINCIAL COMMITTEE ON UNIVERSITY RATIONALISM Compilation of data on course analyses.	Universities Commission	H. Gahr

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- (ii) Experimental educational environment—data collection
- (iii) Student withdrawals (in conjunction with Student Counselling)
- (iv) Introductory Psychology, Study of 1970-1971

IV. FACILITIES RELATED PROJECTS

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SPACE INVENTORY AND UTILIZATION ANALYSIS (i) Report programming—updating and analysis of use (ii) Teaching space utilization—updating and analysis (iii) Office and research space utilization—updating and analysis (iv) Perpetual inventory update	Universities Commission, Internal, General, etc.	G. Fester G. Fester* H. Gahr G. Fester
(v) Space Projections	W. D. Neal Universities Commission	W. A. Hansen* I. Olynyk C. Sidhu P. E. Haney* G. Fester
PROJECT PLANNING (i) Revised detailed programs to Schematic Design Phase I: (a) Commerce I (ii) Schematic Design Phase I to Design Development Phase II: (a) Agriculture 2-I (b) Household Economics 2-I (iii) Other detailed programs and Plans: (a) Student Health Services (b) Education Library	Campus Development University Planning and Faculty Building Committees	W. J. Williamson
LIBRARY TECHNICAL SERVICES AUTOMATION PROGRAM (TSAP) Preliminary Study.	Library	D. J. Otto
SPACE MANAGEMENT (i) E-15 compilation and allocation of space (ii) Proposed use of Medical Sciences Building (iii) Proposed use of Athabasca Hall	W. D. Neal	W. A. Hansen
FORMULA SPACE STUDY Analysis and updating of formula space indices and methods.	President's Office	P. E. Haney* G. Fester
LONG-RANGE STUDENT HOUSING NEEDS Analysis of demand—quantitative and qualitative.	W. A. Preshing	K. Coull

V. FINANCE RELATED PROJECTS

<i>Description</i>	<i>User</i>	<i>Project officers</i>
THE UNIVERSITY OF ALBERTA COST STUDY 1970-1971	D. G. Tyndall	D. Wener
BUDGET RATIOS Analysis of Universities Commission enrolment unit weights. Computed ratios for three years such as average weekly contact hours per full-time faculty member, average weekly student hours per full-time faculty member, average weighted weekly student hours per full-time faculty member, etc., department by department and faculty by faculty.	D. G. Tyndall	D. J. Otto

(Continued on page six)



University Hall

October 1971

The University of Alberta Monthly Calendar

		Friday 1		Saturday 2	
		■ 9:30 a.m. Meeting of the Board of Governors.			
Sunday 3	Monday 4	Tuesday 5	Wednesday 6	Thursday 7	Friday 8
	Student Health 2:00	■ 2 p.m. Meeting of the Campus Development Committee. ■ 3:30 p.m. Meeting of the Education Faculty Council.	Linn A. KAT Committee on the Role of Teachers 3:30 - 5:00	■ 9 a.m. Meeting of the Academic Development Committee.	
Sunday 10	Monday 11	Tuesday 12	Wednesday 13	Thursday 14	Friday 15
	■ Thanksgiving Day. University buildings closed.	Recess 9:00 - 10:30 CA 229 4:00 p.m. Dy 7 English	A 3:30 H. B. Smith 5:00	■ 9 a.m. Meeting of the Academic Development Committee. ■ 1:30 p.m. Meeting of the University Planning Committee.	President M.R.H. ■ 2 p.m. Meeting of the Council on Graduate Studies. ■ Last day for payment of undergraduate fees.
Sunday 17	Monday 18	Tuesday 19	Wednesday 20	Thursday 21	Friday 22
	GFC 2:00 Copyright	■ 2 p.m. Meeting of the Campus Development Committee. ■ 7:30 p.m. Meeting of the Council on Student Affairs. ■ Student Activity Day. Classes withdrawn.	Faculty Exe. 2:30 p.m. Meeting of the Deans' Council.	Senate Committee 2:30 Recess 4:00 - 4:30 ■ 9 a.m. Meeting of the Academic Development Committee.	11:00 - 12:00 6:30 - 8:00 Educ 128 John Sinclair Spunky Social
Sunday 24	Monday 25	Tuesday 26	Wednesday 27	Thursday 28	Friday 29
	■ 2 p.m. Meeting of the General Faculties Council. ■ Mid-term test week begins. Students will not be granted permission to leave campus for extracurricular activities during test week.		Art Faculty 2:00 HUB 5:00 p.m.	■ 9 a.m. Meeting of the Academic Development Committee. ■ 1:30 p.m. Meeting of the University Planning Committee.	
Sunday 31					
Miss Wymann after 5:00					
		September 1971		November 1971	
		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
				December 1971	
				1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	

(Continued from page three)

LIBRARY ALLOCATION STUDY	Library Committee	D. English*
Developing a mathematical formula to allocate book funds to teaching departments.	General Faculties Council	D. J. Otto

THE UNIVERSITY OF ALBERTA STATISTICAL HISTORY

Background and historical data.

General
Administration

H. Gahr

BUSINESS ADMINISTRATION MODEL

Cost benefit analysis of change in graduate-undergraduate mix.

Faculty of Business
Administration and
General Model

G. Fester

YEAR ROUND OPERATION

Analysis of studies and literature on subject area.

W. D. Neal
W. A. Presching

G. Fester

VI. SYSTEMS RELATED PROJECTS

Description	User	Project officers
UNIVERSITY INFORMATION SYSTEM	General	K. Coull
Development of internal and external data element definitions.	Administration	

BUS SERVICE EXPANDED

Patronage heavier than the Edmonton Transit System had anticipated has caused extra buses to be added to early morning trips on the new U-4 and U-5 routes.

Another U-4 bus will leave the Meadowlark Shopping Centre at 7:22 a.m., arriving at the University at 7:41 a.m.

On route U-5, a U-1 special bus will leave 135 Street and 115 Avenue at 7:33 a.m., four minutes in advance of the regular U-5 bus which arrives on campus at 7:50 a.m. The U-1 bus will pick up passengers transferring from other lines at 111 Avenue and at 107 Avenue and will arrive at the University at 7:46 a.m.

Extra buses may be added to other runs if patronage continues to increase. Student term passes (\$30 for the fall, valid until December 31) and monthly ETS passes (\$10, valid on any ETS line, transferable) can be obtained.

Timetables and student and monthly passes are available at the Information Desk in the Students' Union Building.

NOTICES

KATIMAVIK INTERNATIONAL

The weekly meetings of Katimavik International will begin with a welcoming tea and registration Thursday, September 30 from 2 to 3:30 p.m. Meetings will be held in the Assembly Room at the Metropolitan United Church, 83 Avenue and 109 Street.

Katimavik International was formed for the wives and children of faculty members, post-doctoral fellows, and graduate students from other countries. Programs include classes in basic and conversational English, demonstrations, films, recreation, cultural exchange, and supervised nursery and pre-school play activities.

Beginning in October, the group will meet every Thursday from 1:45 to 3:45 p.m. There is no membership fee.

Persons interested in assisting with any of the programs or desiring further information may contact MRS. KAY QUON, 435-6735; MRS. ROS CRAGGS, 435-3282; or MRS. BARBARA BENTSEN, 489-8341.

PHILOSOPHY LECTURES

J. M. BOCHENSKI, Visiting Professor in the Department of Philosophy, will give three series of public lectures this fall.

Lectures on "Soviet Ideology" begin Thursday, September 23 and continue every Thursday for four weeks. They will be given in TL-11, Tory annex, at 3:30 p.m.

The second series, "History of Logic," will begin Thursday, October 21. It will be given every Thursday for three weeks in TL-11, Tory annex, at 3:30 p.m. The fourth lecture will be presented Wednesday, November 10 in TL-12, Tory annex, at 4 p.m.

Lectures on "Twentieth Century Marxist Philosophy" started September 21 and will continue for the next three Tuesdays in Tory 14-6 at 3:30 p.m.

ILLEGITIMACY SEMINAR

Aspects of special educational facilities for unwed mothers will be discussed on September 29 at 8 p.m., room 110, Corbett Hall. This

is the first meeting of a study group originating with the Changing Attitudes towards Illegitimacy workshop sponsored by the Department of Extension and the Alberta Association of Social Workers.

The meeting will discuss in detail all the aspects of special educational facilities for unwed mothers, the desirability of special classrooms within present schools, the feelings of unmarried girls towards remaining in school with their peers, the services necessary for girls to remain in school, and the alternatives to special facilities.

PHYSICAL FITNESS COURSE

The University of Alberta Department of Extension will offer a course on the Theory and Practice of Physical Fitness in Men for men age 30 and older. The fee is \$60.

The class will meet Monday and Wednesday evenings from 7:30 to 9 p.m., beginning October 4 and continuing for 20 weeks. For registration, telephone 439-2021.

REFUGEE RELIEF FUND

The East Bengal Refugee Relief Committee of the India Students' Association (ISA) has closed its ISA Refugee Relief Fund account and has turned its support to the campaigns of all the international organizations led by Oxfam, 9909 - 109 Street.

The Committee has requested potential donors to direct their donations for the relief of East Pakistan refugees to one of the Oxfam organizations.

SEMINARS SCHEDULED

A two-day seminar on "The Open Organization" will be held in Edmonton October 14 and 15. It will be sponsored by the Department of Extension at the University and will focus on what is being done to move firms to the more open forms of organization which behavioral scientists have advocated.

The registration fee of \$75 will include materials and lunch each day at the Faculty Club.

The Department also will sponsor a

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William Samis, Editor

Advisory Committee: E. D. Hodgson (Professor of Educational Administration), J. W. Carmichael (Professor of Bacteriology), and Aylmer A. Ryan (Provost and Executive Assistant to the President)

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Sunday 24	Monday 25 ■ 2 p.m. Meeting of the General Faculties Council. ■ Mid-term test week begins. Students will not be granted permission to leave campus for extracurricular activities during test week.	Tuesday 26	Wednesday 27	Thursday 28 ■ 9 a.m. Meeting of the Academic Development Committee. ■ 1:30 p.m. Meeting of the University Planning Committee.	Friday 29	Saturday 30																																																																																																								
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(Continued from page three)

LIBRARY ALLOCATION STUDY	Library Committee	D. English*
Developing a mathematical formula to allocate book funds to teaching departments.	General Faculties Council	D. J. Otto

THE UNIVERSITY OF ALBERTA STATISTICAL HISTORY

Background and historical data.

General
Administration

H. Gahr

BUSINESS ADMINISTRATION MODEL

Cost benefit analysis of change in graduate-undergraduate mix.

Faculty of Business
Administration and
General Model

G. Fester

YEAR ROUND OPERATION

Analysis of studies and literature on subject area.

W. D. Neal
W. A. Preshing

G. Fester

VI. SYSTEMS RELATED PROJECTS

Description	User	Project officers
UNIVERSITY INFORMATION SYSTEM	General	K. Coull
Development of internal and external data element definitions.	Administration	

BUS SERVICE EXPANDED

Patronage heavier than the Edmonton Transit System had anticipated has caused extra buses to be added to early morning trips on the new U-4 and U-5 routes.

Another U-4 bus will leave the Meadowlark Shopping Centre at 7:22 a.m., arriving at the University at 7:41 a.m.

On route U-5, a U-1 special bus will leave 135 Street and 115 Avenue at 7:33 a.m., four minutes in advance of the regular U-5 bus which arrives on campus at 7:50 a.m. The U-1 bus will pick up passengers transferring from other lines at 111 Avenue and at 107 Avenue and will arrive at the University at 7:46 a.m.

Extra buses may be added to other runs if patronage continues to increase. Student term passes (\$30 for the fall, valid until December 31) and monthly ETS passes (\$10, valid on any ETS line, transferable) can be obtained.

Timetables and student and monthly passes are available at the Information Desk in the Students' Union Building.

NOTICES

KATIMAVIK INTERNATIONAL

The weekly meetings of Katimavik International will begin with a welcoming tea and registration Thursday, September 30 from 2 to 3:30 p.m. Meetings will be held in the Assembly Room at the Metropolitan United Church, 83 Avenue and 109 Street.

Katimavik International was formed for the wives and children of faculty members, post-doctoral fellows, and graduate students from other countries. Programs include classes in basic and conversational English, demonstrations, films, recreation, cultural exchange, and supervised nursery and pre-school play activities.

Beginning in October, the group will meet every Thursday from 1:45 to 3:45 p.m. There is no membership fee.

Persons interested in assisting with any of the programs or desiring further information may contact MRS. KAY QUON, 435-6735; MRS. ROS CRAGGS, 435-3282; or MRS. BARBARA BENTSEN, 489-8341.

PHILOSOPHY LECTURES

J. M. BOCHENSKI, Visiting Professor in the Department of Philosophy, will give three series of public lectures this fall.

Lectures on "Soviet Ideology" begin Thursday, September 23 and continue every Thursday for four weeks. They will be given in TL-11, Tory annex, at 3:30 p.m.

The second series, "History of Logic," will begin Thursday, October 21. It will be given every Thursday for three weeks in TL-11, Tory annex, at 3:30 p.m. The fourth lecture will be presented Wednesday, November 10 in TL-12, Tory annex, at 4 p.m.

Lectures on "Twentieth Century Marxist Philosophy" started September 21 and will continue for the next three Tuesdays in Tory 14-6 at 3:30 p.m.

ILLEGITIMACY SEMINAR

Aspects of special educational facilities for unwed mothers will be discussed on September 29 at 8 p.m., room 110, Corbett Hall. This

is the first meeting of a study group originating with the Changing Attitudes towards Illegitimacy workshop sponsored by the Department of Extension and the Alberta Association of Social Workers.

The meeting will discuss in detail all the aspects of special educational facilities for unwed mothers, the desirability of special classrooms within present schools, the feelings of unmarried girls towards remaining in school with their peers, the services necessary for girls to remain in school, and the alternatives to special facilities.

PHYSICAL FITNESS COURSE

The University of Alberta Department of Extension will offer a course on the Theory and Practice of Physical Fitness in Men for men age 30 and older. The fee is \$60.

The class will meet Monday and Wednesday evenings from 7:30 to 9 p.m., beginning October 4 and continuing for 20 weeks. For registration, telephone 439-2021.

REFUGEE RELIEF FUND

The East Bengal Refugee Relief Committee of the India Students' Association (ISA) has closed its ISA Refugee Relief Fund account and has turned its support to the campaigns of all the international organizations led by Oxfam, 9909 - 109 Street.

The Committee has requested potential donors to direct their donations for the relief of East Pakistan refugees to one of the Oxfam organizations.

SEMINARS SCHEDULED

A two-day seminar on "The Open Organization" will be held in Edmonton October 14 and 15. It will be sponsored by the Department of Extension at the University and will focus on what is being done to move firms to the more open forms of organization which behavioral scientists have advocated.

The registration fee of \$75 will include materials and lunch each day at the Faculty Club.

The Department also will sponsor a

FOLIO

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William Samis, Editor

Advisory Committee: E. D. Hodgson (Professor of Educational Administration), J. W. Carmichael (Professor of Bacteriology), and Aylmer A. Ryan (Provost and Executive Assistant to the President)

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Business Manager: A. S. Knowlet (Chief Accountant, Office of Comptroller)

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week-long residential workshop on "Conflict and Social Change" beginning October 17. The workshop will be held at the Overlander Motor Lodge near Hinton. The registration deadline is October 8, and the fee is \$70.

Additional information is available at the Department of Extension, 439-2021.

EXTENSION COURSES

The University's Department of Extension will offer three courses dealing with finances and accounting this fall.

Management of Personal Finances will begin September 27 and continue for eight weeks. The fee is \$18. Husbands and wives using one set of materials may enroll for \$25.

Cost Accounting, a 10-week course, will begin October 4 and will cost \$45. Accounting for Management, also a 10-week course, will begin October 5 and will cost \$45.

A course in the Showing and Judging of Light Horses will begin October 25 and will continue for 20 sessions. The registration deadline for this course is October 15. The fee is \$50.

Registrations for all courses now are being accepted at the Department, 82 Avenue and 112 Street. For further information, telephone 439-2021.

CANADA COUNCIL FELLOWSHIPS

The Student Awards Office has announced that information about Canada Council Doctoral Fellowships for 1972-73 has been sent to all departments concerned. Prospective applicants should contact their Department office. The closing date for application is November 1, to the Department office.

CREATIVE DANCE CLASSES

Creative dance classes for children and junior and senior high school students will be given every Saturday beginning September 25 and continuing through December 11.

Classes for five- and six-year-olds will be held from 9 to 9:30 a.m. and from 9:30 to 10 a.m. The fee is \$6. Classes for children ages seven to nine will meet from 10 to 10:45 a.m., and for children ages 10 to 12, from 10:45 to 11:30 a.m. The fee for these is \$7.50.

All children's classes will meet in the Dance Studio, Room 011, Physical Education Centre.

Students between the ages of 13 and 15 will meet from 9 to 10:30 a.m.; those between the ages of 16 and 18 will meet from 10:30 a.m. to noon. The fee for each is \$12. Classes will be held in the new Dance Studio E-19, Physical Education Centre.

Registration for all classes will be held Saturday, September 25 at the Physical Education Centre. Further information may

be obtained from CLIVE PADFIELD, Department of Educational Services, 432-5635.

GENETICS SEMINAR

THEODOSIUS DOBZHANSKY of the Department of Genetics at the University of California will present a two-day seminar here at the end of September. Dr. Dobzhansky will discuss his work on speciation in *Drosophila paulistorum*, and genetics of phototactic and geotactic behavior in *Drosophila*.

Further details about the seminar may be obtained by telephoning the Department of Entomology, 432-4652.

FACULTY BADMINTON CLUB

The 1971-72 season of the Faculty Badminton Club opened Wednesday, September 22. The hours of play are from 7:30 to 10 p.m. every Wednesday at the Main Gymnasium in the Physical Education Centre.

Membership is open to anyone eligible for admission to the Faculty Club, including wives and post-doctoral fellows. A \$6 membership fee includes the cost of birds and the annual banquet.

Additional information may be obtained by contacting E. HOWARTH, 432-4722; K. BABCOCK, 432-5751; or R. WHITEHOUSE, 433-3292.

INTERNATIONAL FOLK DANCING

The Edmonton International Folk Dancers will sponsor an evening of folk dancing every Friday beginning September 24.

The dances will be held from 8 to 10:30 p.m. in Room 011 of the Dance Studio in Physical Education Centre. Guests are asked to bring soft-soled shoes.

PSYCHOLOGISTS TO LECTURE

Two European psychologists visiting the Centre for Advanced Study in Theoretical Psychology will present seminars at the University.

KURT PAWLIK, Professor of Psychology at the University of Hamburg, will discuss "The RNA Theory of the Engram: A Critical Experimental Study of the Transfer Methodology," Friday, September 24 at 2 p.m. in Room CW 410, Biological Sciences Building.

JEFFREY GRAY of the Department of Experimental Psychology at the University of Oxford, will discuss "The Adaptive Significance of Some Emotional and Cognitive Sex Differences in Mammals, Including Man: An Evolutionary Hypothesis." The lecture will be held Monday, October 4 at 10 a.m. in Room CW 410, Biological Sciences Building.

FENCING COURSE

Registration for a 15-week evening course in fencing will be held Monday, September 27 in Room 011 of the Physical Education Centre.

Classes for adults will meet Mondays at 8:30 p.m. Classes for students age 15 or older will meet Wednesdays and Thursdays at 7:30 p.m.

The \$30 fee covers mask, foil, and membership in the Canadian Fencing Association. Details may be obtained from FRAN WETTERBERG, 432-3466 or 466-8230.

UKRAINIAN LITERATURE SYMPOSIUM

The Department of Slavic Languages will sponsor a symposium on Ukrainian Language and Literature from October 7 to October 9. The symposium will include a special session on the Ukrainian writer Vasyl Stefanyk.

For further information contact O. ZUJEWSKYJ, Symposium Program Chairman, Department of Slavic Languages, 432-4219.

CHAMBER MUSIC SOCIETY

Subscriptions to the 1971-72 concert series of the Edmonton Chamber Music Society are now available. The concerts, which will begin Wednesday, October 13, will be given in Convocation Hall, Arts Building on specified Wednesdays at 8:30 p.m.

Tickets may be obtained at Canadiana Gifts, 10414 Jasper Avenue; the Students' Union Box Office; the Department of Music at The University of Alberta; or by mail from the Society, 11112 83 Avenue.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

24 SEPTEMBER, FRIDAY

Faculty Club

Downstairs. TGIF—Pub Night, \$2.50

Upstairs. Gourmet Special—Gourmet Holiday in Budapest, \$13.50 for two. Regular menu. Dinner 6 to 9 p.m. Dancing until midnight.

Student Cinema

6:30 and 9 p.m. *Catch 22*. SUB Theatre. Advance tickets, available at the Information Desk in SUB, are 50¢ for students, 75¢ for non-students. Admission at the door, 75¢.

25 SEPTEMBER, SATURDAY

Golden Bears Football

2 p.m. vs. U of C Dinosaurs. Varsity Stadium.

Faculty Club

Downstairs. Turf and Surf, \$4.

Upstairs. Gourmet Special—Gourmet Holiday in Budapest, \$13.50 for two. Regular menu. Dinner 6 to 9 p.m. Dancing until midnight.

26 SEPTEMBER, SUNDAY

Student Cinema

6:30 and 9 p.m. *Butch Cassidy & the Sundance Kid*. SUB Theatre. Advance tickets 50¢ for students, 75¢ for non-students. Admission at the door, 75¢.

27 SEPTEMBER, MONDAY

Microscopy Lecture

3:30 p.m. "Applications of Scanning Electron Microscopy to Materials Problems With Reference to Electron Channeling Effects" by E. M. SCHULSON of the Chalk River Nuclear Laboratories. Room 340, Engineering Centre.

28 SEPTEMBER, TUESDAY

Library Seminar

3:30 p.m. "National Bibliographies: A Comparative Analysis of the British Museum, Library of Congress, and Canadian catalogues," by MRS. S. RANSOM. Penthouse, Cameron Library.

30 SEPTEMBER, THURSDAY

Camus Seminar

4 p.m. "Second Thoughts on Camus: The Ultimate Failure of *L'Etranger*," by ROBERT WILCOCKS, Associate Professor of Romance Languages. Room V-114, Physics Building. The seminar is the first in a series intended primarily for graduate students and faculty, but undergraduates are welcome. Announcements of other lectures in the series will appear in later editions of FOLIO.

1 OCTOBER, FRIDAY

Student Cinema

6:30 and 9 p.m. *John and Mary*. SUB Theatre. Advance tickets 50¢ for students, 75¢ for non-students. Admission at the door, 75¢.

2 OCTOBER, SATURDAY

Golden Bears Football

2 p.m. Homecoming game vs. U of S Huskies. Varsity Stadium.

Golden Bears Rugby

3:30 p.m. Golden Bears I vs. Clansmen I. South Side Athletic Field.

Underground Film Festival

6:30 and 9:30 p.m. SUB Theatre. Students 75¢, non-students \$1.

Edmonton Symphony Orchestra

and 3 October. Tchaikovsky's *Romeo and Juliet*, Mahler's *Kindertotenlieder*, Ravel's *Don Quichotte a Dulcinee*, and Elgar's *Enigma Variations*. Jubilee Auditorium.

3 OCTOBER, SUNDAY

National Film Theatre

7:30 p.m. *Strike*. USSR, 1924. Sergei M. Eisenstein, Director. Silent with English subtitles. Edmonton Art Gallery, 2 Winston Churchill Square.

EXHIBITIONS

SUB Art Gallery

Until 1 October, Young Edmonton Sculptors and Graphics Rental. Weekdays 10 a.m. to 9:30 p.m., Saturdays 1 to 9 p.m., and Sundays 1 to 5 p.m.

Edmonton Art Gallery

Until 15 October, exhibition of winners of Massey Medals for Architecture 1970. Mondays, Tuesdays, Fridays, and Saturdays 10 a.m. to 5 p.m., Wednesdays and Thursdays 10 a.m. to 10 p.m., Sundays and holidays 1 to 5 p.m.

POSITIONS VACANT

NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Personnel Office (Room 121, Administration Building) will provide further details to interested persons, who are asked not to approach the departments directly.

Clerk (\$274-\$350)—Comptroller's Office
Clerk Typist II (\$317-\$405)—Psychology; Physical Plant; School of Nursing; Extension; Central Stores; Provincial Laboratory
Clerk Steno II (\$333-\$425)—Personnel
Clerk Typist III (\$368-\$468)—Purchasing
Clerk Steno III (\$386-\$491)—Art and Design; Dean of Agriculture
Dental Assistant (Sessional) (\$317-\$405)—Dentistry
Applications Analyst (\$627-\$800)—Chemical and Petroleum Engineering.
Administrative Assistant (\$629-\$800)—University Health Service
Electron Microscope Technician (open)—Anatomy
Business Machine Technician (\$468-\$691)—Technical Services
Warehouseman (\$350-\$446)—Bookstore
Programmer II (\$627-\$800)—Library System; Administrative Data Processing
Junior Statistician (\$691-\$882)—Computing Services
Writer Analyst (\$691-\$882)—Computing Services
Consultant Analyst (\$800-\$1,021)—Computing Services
PE Lab Assistant (\$350-\$446)—Faculty of Physical Education

PERSONAL NOTICES

Notices must be received by 9 a.m. the Friday prior to publication. Rate is seven cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. To avoid billing, notices MUST BE PAID IN ADVANCE. For assistance or order blanks, telephone Mrs. Adrienne Lent, 432-4991.

Accommodation available

FOR RENT—Nice quiet room, ½ block from University bus. Mature woman or older student preferred. 482-3192.
FOR SALE BY OWNER—Four-bedroom home on Rio Terrace Drive, four bathrooms, finished rumpus room with study and bath, attached double garage, front drive, large lot, 7 per cent mortgage. Moving east, early possession. 489-7582.
HOUSE TO SHARE with female graduate student. Private bedroom. North side, need car, 10 minutes to University. Dorothy, 454-8210, 432-5270.
WANTED—Girl to share apartment. \$30 to \$40 month. North side. 424-1269.
FOR RENT—Four-bedroom suites. Spacious, new, fine view, 1½ baths. \$230. 8255 - 95 Avenue. 465-2251.
HYDE PARK BECAUSE—Everyone is talking about Hyde Park! Edmonton's luxury highrise condominium. Home ownership in Hyde Park gives you security of investment with all the convenience of

downtown living . . . country club facilities . . . swimming pools, tennis courts, a skating rink, barbecue pits, wading pools . . . with play areas and a nursery for small tots. It surpasses anything you've ever seen. Call 488-1117.

FOR SALE BY OWNER—Petroliia, modern three-bedroom bungalow, choice crescent location, two open fireplaces. Bar-type kitchen, new broadloom, 1½ baths, rumpus room, patio. Professionally landscaped. Priced at \$31,500, \$150 IPT at 6¼ per cent CMHC. Owner willing to carry second mortgage at 8¼ per cent terms. Contact owner at 11732 - 37B Avenue. 435-1383.

FOR RENT—Glenora, exclusive river valley English Tudor home, vast livingroom, open fireplace, bay-windowed solarium, four bedrooms, appliances, \$475. References. 488-4022.

FOR SALE—Lendrum, viewing University Farm. Split level, beautiful condition, lower level developed, close to University, School for the Deaf, public and separate schools, bus. 6¼ per cent interest payments, \$136 IPT, or \$4,500 cash—\$275 IPT. Weber Bros. Realty Ltd., Whyte Avenue Branch. Call Marieke Kortbeek, 439-2056, 434-2007.

Automobiles and accessories

FOR SALE—1959 MG-A coupe, wire wheels, Pirelli tires, two snow tires, heater, radio, new battery. Excellent mechanical condition. Usable during winter. Leaving country. Evenings 6 to 9, 433-9339.
FOR SALE—1970 Duster 340, four-speed standard transmission, yellow, 25,000 miles. 434-3228.
FOR SALE—1968 Mercedes 220, sliding steel roof, excellent condition, complete service record, \$3,300. 469-5782.
REQUIRES WINTER GARAGE—1935 Rolls Royce. Any offers with rates to Dr. A. S. Russell, 432-6296.
FOR SALE—1969 Mercury Marquis Brougham, excellent condition, electric seats, windows, stereo, view—parking stall 207, east Medical Sciences Bldg. 466-6090, 432-4473.
FOR SALE—1970 Fiat 124 SW, red, warranty, 6,000 miles. Leaving country. Offers? 432-8177.

Goods and services

WILL CARE for children, my home. 488-4264.
STENOGRAPHIC SERVICES in my home: letters, forms, term papers, etc. 484-7650.
WANTED—Ride from University to Grandin Park, St. Albert, at 4 p.m. three days per week. Home 599-4696, work 432-5136.
WILL TRADE parking place Car-Park II for same in Car-Park I. Mansour, EE Dept., Room 348C.
WANTED—Ride University to Sherwood Park, regular hours 8:30 to 4:30. 432-3555 or 699-6580.
FOR SALE—17" TV \$35, Kelvinator dryer \$50, Kelvinator wringer washer \$45. 432-5638 or 435-1155 after 6 p.m.
FOR SALE—Sewing machine, newly overhauled \$40; electric Lady Kenmore steam hair-setter (20 curlers) \$15. 432-5875, 434-3228.
FOR SALE—Australian opals and uncut sapphire chips, reasonable prices. 433-0639.
FOR SALE—Encyclopaedia Britannica (1970 edition) \$350. 433-4558.
PRIVATE INSTRUCTION in Speech Arts and Drama. Susan Matheson Dillon, B.A., Professional Teacher's Diploma, ARCT, AMRC (Gold Medal); former student of Leona Paterson; active in Kiwanis Festival for the past two years; affiliated with Mount Royal Junior College, Conservatory of Music and Speech. Subjects: Fundamentals of Speech, Effective Speaking, Creative Speech, Sight Reading, Poetry Speaking, Dramatic Scenes, Oral Interpretation. South Side Studio, 434-2564.
FOR SALE—Frigidaire 30" electric range, portable sewing machine, reasonable. 434-2978.